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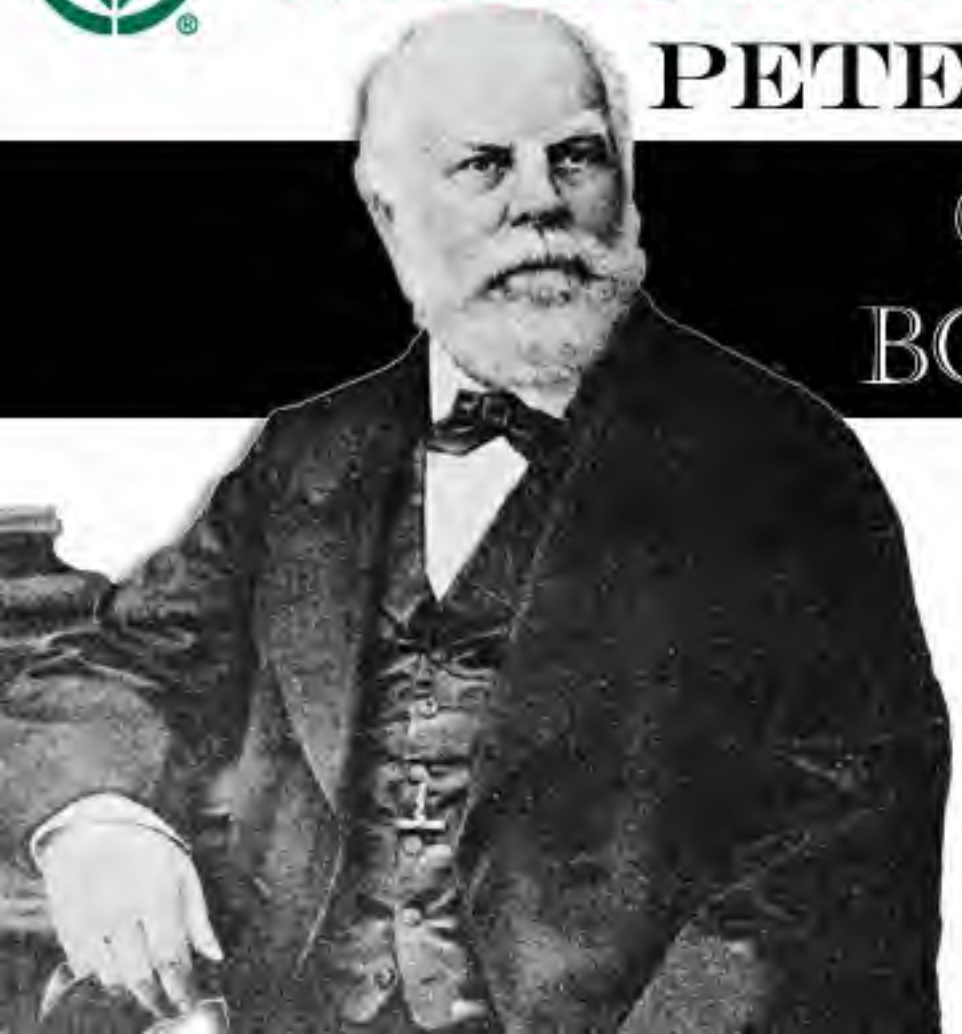

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1150-1.542

2339A

Cylindropuntiae

a, bacc albumen

1 tunicatae

2, clavatae

b, scarcely any or no albumen

3 pachyspermae

rarely a prominent Commissure o seed

Opuntiae cylindraceae tunicatae

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Aster chinensis ?

var. ranunculoides

Pers. 445

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Hort. Cant. Mar. 6
1825

O In India orientali, China
Japón.

5192

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- not seen lately
x new not seen lately

Cylindropuntia of my Synopsis 1856 and new ones

/ O. acanthocarpa Palmer 1870

/ O Ramosissima

/ O Davisii

O Davisii cult 1876 ex = Ramosissima

O. echinocarpa Lyo E. 1880

O serpentina E. 1880

O. prolifera E. 1880

O fulgida Parry 1881

O Bigelovii E. 1880

? O Whipplei ?= echinophlaea Palmer 1876

O arborescens E. 1874

O mamillata E. 1880

O Wrightii Texas, 1879

O arbuscula E. 1880

O. fulgens & vaginata E. 1880 ex

O. tesselata Parry 1881

New Cylindropuntia of Sept 1886

× O. Bernardina

× O. Juronensis

× O. echinophlaea = Emoryi, Parry = ?? O. Whipplei

O. Bernardina

New Cylindropuntia of Parry of Japan 1881

× O. Yumaensis = Davisii ?

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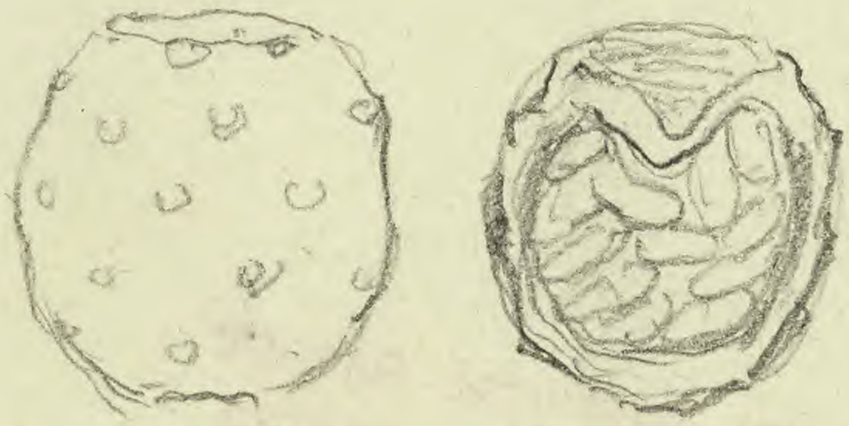
Opuntia dacetii ssp
California desert, Parish

March 29 1882

11 h lvs (not fully grown?)
+ fine lg



JO-36 areolae
fruit dry now, but
walls not thin, had
perhaps been fleshy?
x4

seeds thick, somewhat irregular,
modestly broad commissure 2½ lin diam

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THIS SPACE FOR ADDRESS ONLY
WRITE THE MESSAGE ON THIS SIDE
NEW YORK

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JAMES McBRIDE,

Pharmaceutist,

No. 280 Fifth Street, near O'Fallon,

Saint Louis.

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5-

Yuma

No 5. Opuntia ——— ?

Specimens sent in Can. grows near Yuma with Op. tessellata. has clumpy growth & very long cylindric fibrous roots. intermediate between Sect Cylindricae & Clavatae? Which?

bold fig & get more matured later

——— ——— ——— ——— ——— ——— ———

Dr C C Parry

Jan 1881

Yucca

Roots clo

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8/97

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Davisii Opuntia

Dr Parry says, it is only echinocarpa

Cane cactus, with long cylindric roots

Fort Yuma, Dr Parry
Jan 1881

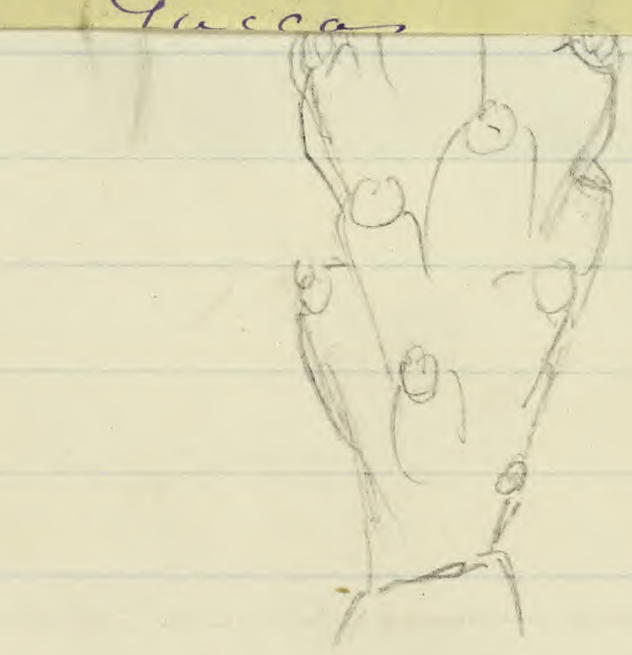
5-
Yuma

No 5. Opuntia —— ?

Specimens sent in Can. Grows near [illegible] with a Clavate opuntia,
Yuma with Op. tessellata. Low clumpy [illegible] of Op. Cylindr.
growth & very long cylindric fibrous [illegible] 6 lines apart, large,
roots. intermediate between Lect Cylindricae [illegible] on the very prominent
& Clavatae? ? Which? [illegible] tubercles; pale yellowish
Will try & get more material later [illegible] on upper part of areola,
[illegible], with [illegible] in a thick pencil,
Dr C C Parry [illegible] long,
Jan 1881 [illegible] on upper areolae 3-4
longer ones 1/4 - 1/2 inches long,
[illegible] thickened, 4-6 bristly spines
1/2 - 3/4 inches long, slender. Larger spines
semitransparent, flattened above, annulated
Joints clavate, 2-3 inches long
3/4 inch thick, rather glaucous.

Flowers yellow 1/2 - 2 inches diam. segments narrower
than usual, lanceolate, [illegible] recurved as it appears

Yucca

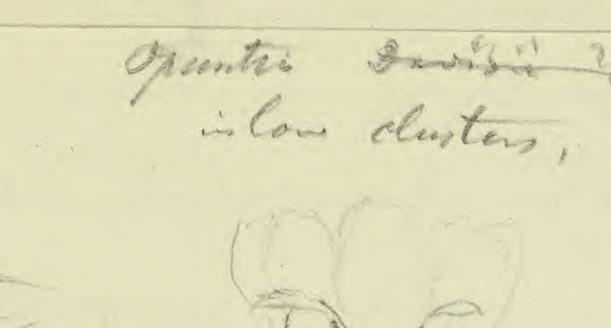


Parry No 5 Opuntia Davisii ? Feb 4 1881
2619 in low clusters, Fort Yuma Dr Parry 1881

Dry and fat
spiny with flat ribbons
about 16 areolae
short yellow bristles at
upper edge

yellow?

flow 1/2 - 2 inches
Diam
5-6 stigmatic



Diam 5 1/2 mm

March 29 1881
seed nearly 3 lines wide, orbicular,
Though somewhat irregular, or
twisted; Commissura twisted.
pretty broad

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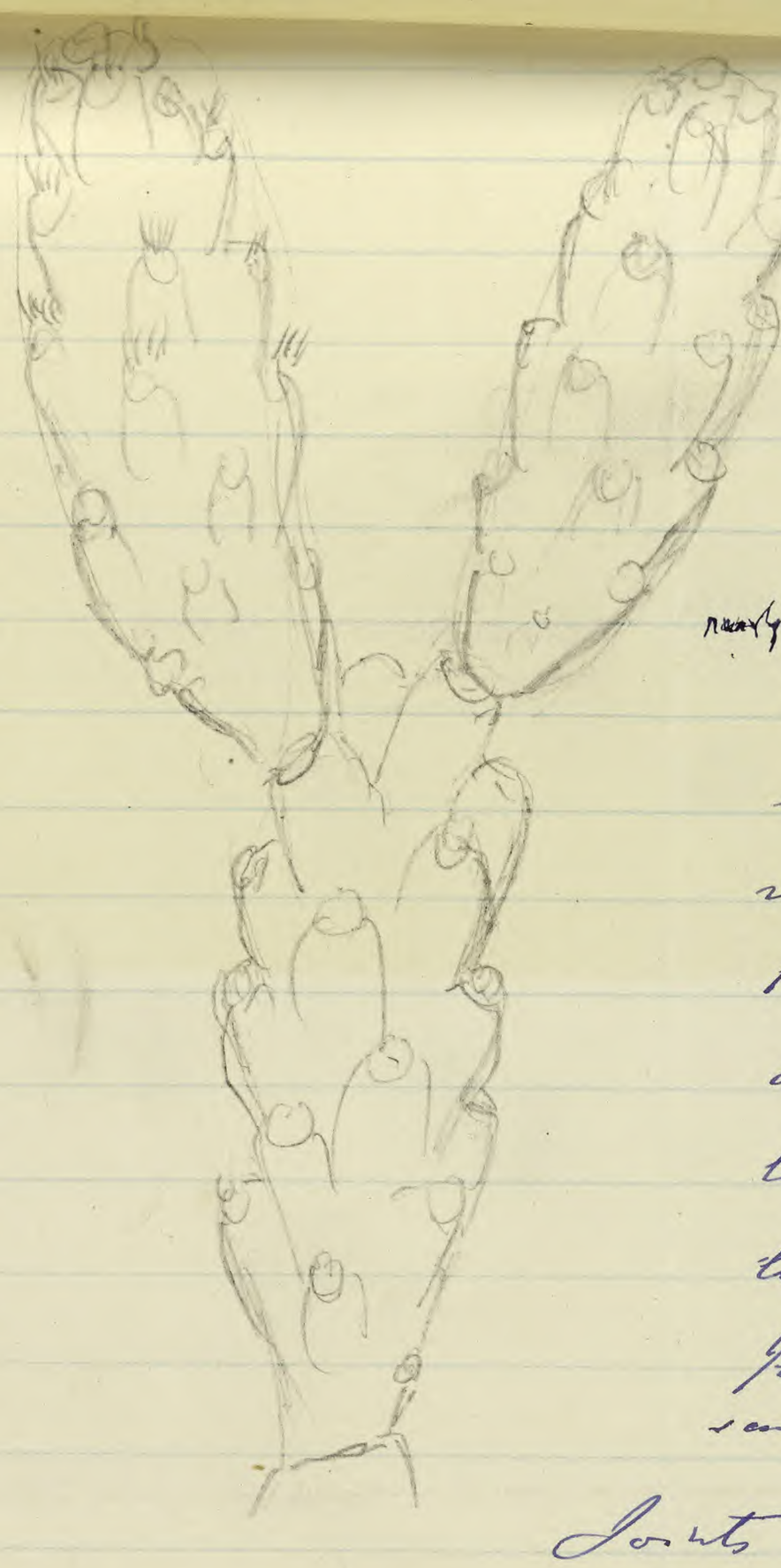
...ays, it is only ochroleuca

...cylindrica roots

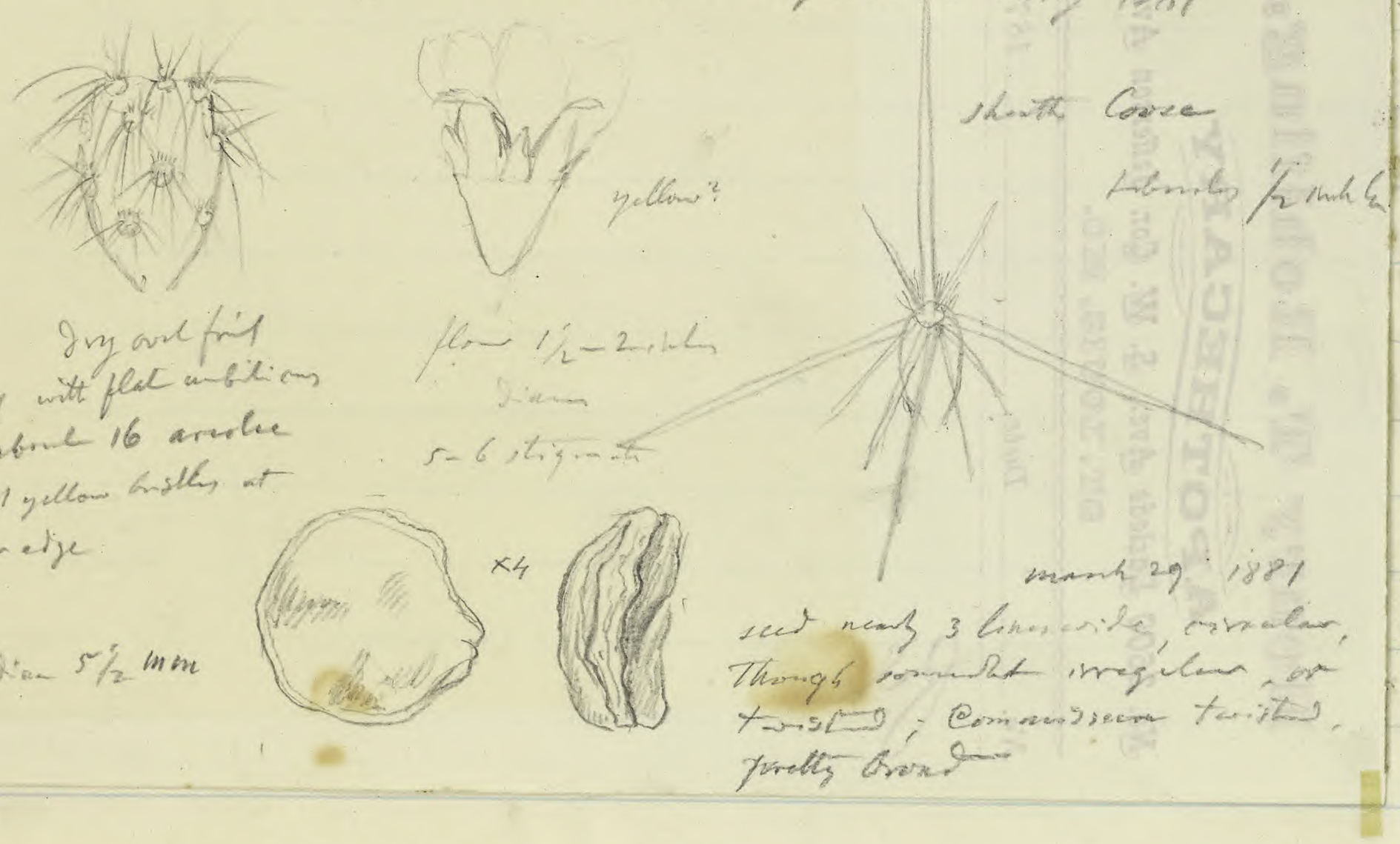
...Fort Yuma, & Parry

Jan 1881



growth of a Cereus opuntia,
but the shorthed spikes are
those of Op. Cylindr.
areolas 6 lines apart, large,
nearly terminal on the very prominent
oblong tubercles; pale yellowish
bristles on upper part of areola,
very fine, ~~white~~ in a thick pencil,
1 line long,
2 spines on upp areolae 3–4
longer ones 1/4 – 1/2 inches long,
lowest shortest, 4–6 radial spines
1/2 – 3/4 inch long, slender. Lower spines
ascending, flattened above, annulated
Joints clavate, 2–3 inches long
3/4 inch thick, rather glaucous.

flowers yellow 1/2 – 2 inches diam; segments narrower
than usual, lanceolate, rather recurved as it appears



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Apantes Pelhella
von Jabte, Arizona 1867

det 1870

5 stigmata
15–20 areolae on fruit

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Clavopuntia

Tallos rastreros
1 línea largo

Jun 19 1876 Montevideo
Agassiz

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June 10 1876

Op. serpentina

culk for S Diego in my Yard

Leaves 3–4 Ins long

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Leitch & Corlies
(DRUGGISTS)
South West Corner Fifth and Market Streets.

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Peter C. Raven
Dept. of Botany
Univ. of California
Berkeley, Calif. 94720

Oenothera laciniata

D.E. 8 1976

H63 m.

x4

Leitch & Corlies

DRUGGISTS

South West Corner Fifth and Market Streets.

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cm 0 1 2 3 4 5 6 7 8 9 10
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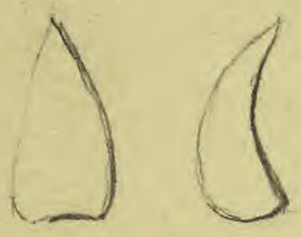
remnants of funiculus at Cotyledonar point. Opuntia Palchella Engl.

April 7 1870

Reade Wm McGill

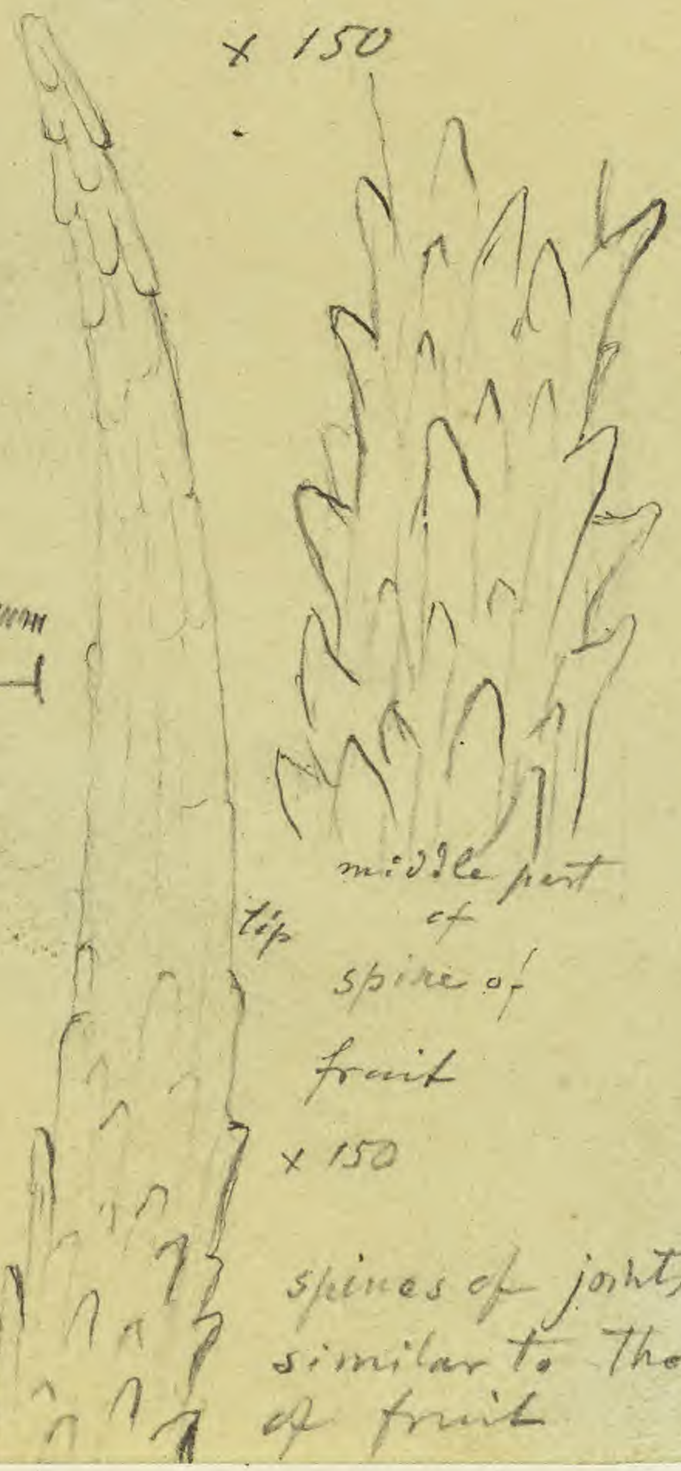
× 4



sepal of ovary = leaf 3 mm long

cotyledons accumbentes

× 150



middle part of spine of fruit × 150

top

spines of joints similar to those of fruit

tip of bristle on upper end of areola ×150

×10

5 stigm

style ×2

$\frac{55}{415}$ = mm

diameter of Pollen

Pollen × 280

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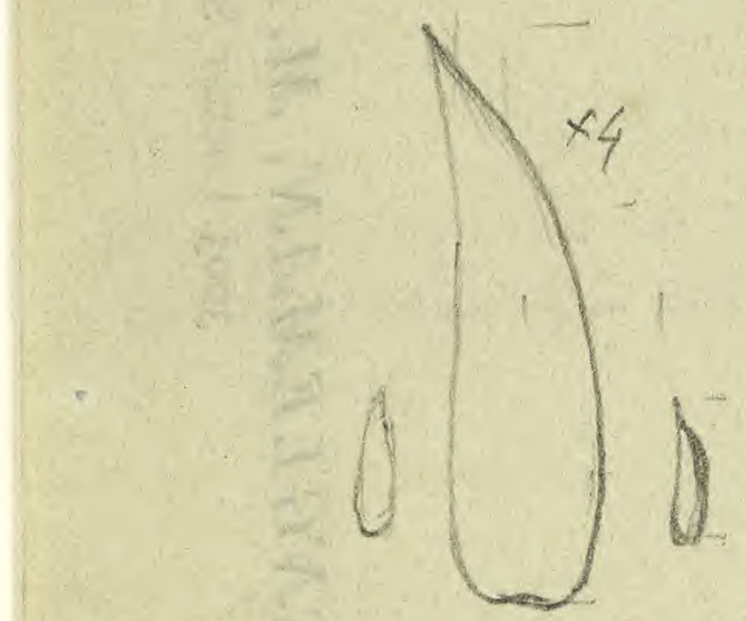

Leaf of Opuntia
serpentina

Coll. Shaw 1875

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3003 LOCUST STREET.

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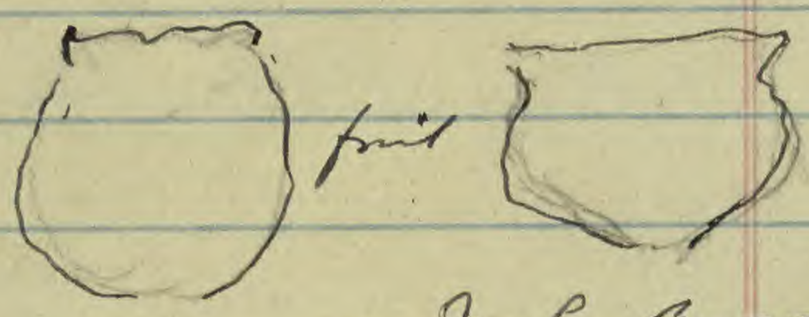
Opuntia echinocarpa
Wats var. Desert —



and San Gorgonio Pass
east of Banning
Nov 1880

Opuntia echinocarpa

San Gorgonio Pass east of Banning,
on South Brief A. Aurel. Nov 1880

bushes 2–6 feet diam. 3–5 feet high,
sometimes with one trunk, treelike, but usually
spreading and branching from base, ascending,
Bark dark, spineless; spines disappearing
soon; wood becoming almost solid;
joints clavate-to cylindrical, short, generally
only 2–3" long 3/4" + diam. upwards;
Tubercles scarcely 1/2 inch long, ovate, prominent
areolae large terminal; spines whitish, white
numerous, 1/2 inch long; very strongly barbed.
fruit dry, small with about 20 very
spiny areolae
flower yellow
off-
branches vertical ascending at right
angles or ascending.

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Mercredi soir !

Veuillez Vous me faire la grâce
de venir me voir Lundi Mardi
ou Mercredi entre Deux et trois heures
Jeudi ou Vendredi je ne pourrai
recevoir que le matin. Si Jeudi
ou Vendredi ne vous convient pas
veuillez me le dire.

Avec une parfaite considération

Votre

très humble

E. Puig

288 rue St Honoré

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L698

Opuntia echinocarpa ??

Yuma March 1882

S B Parish wrote

The plant looks very different from O.
echinocarpa, a few joints only on a
tall (3 – 4 feet high) and not branching
stem

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like for you to call
in a day or two -
She is very nervous and
feels as if she can get
no relief and makes me
send occasionally that
she does not need you -
Respectfully M. Gauss

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Sec
Monday -